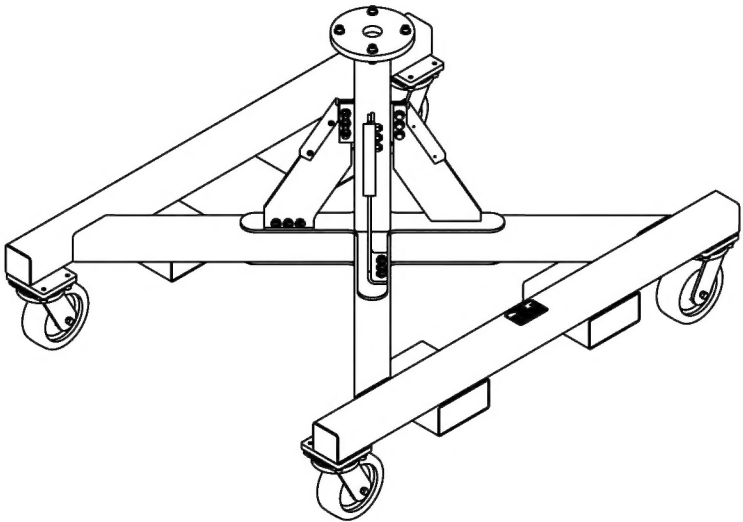
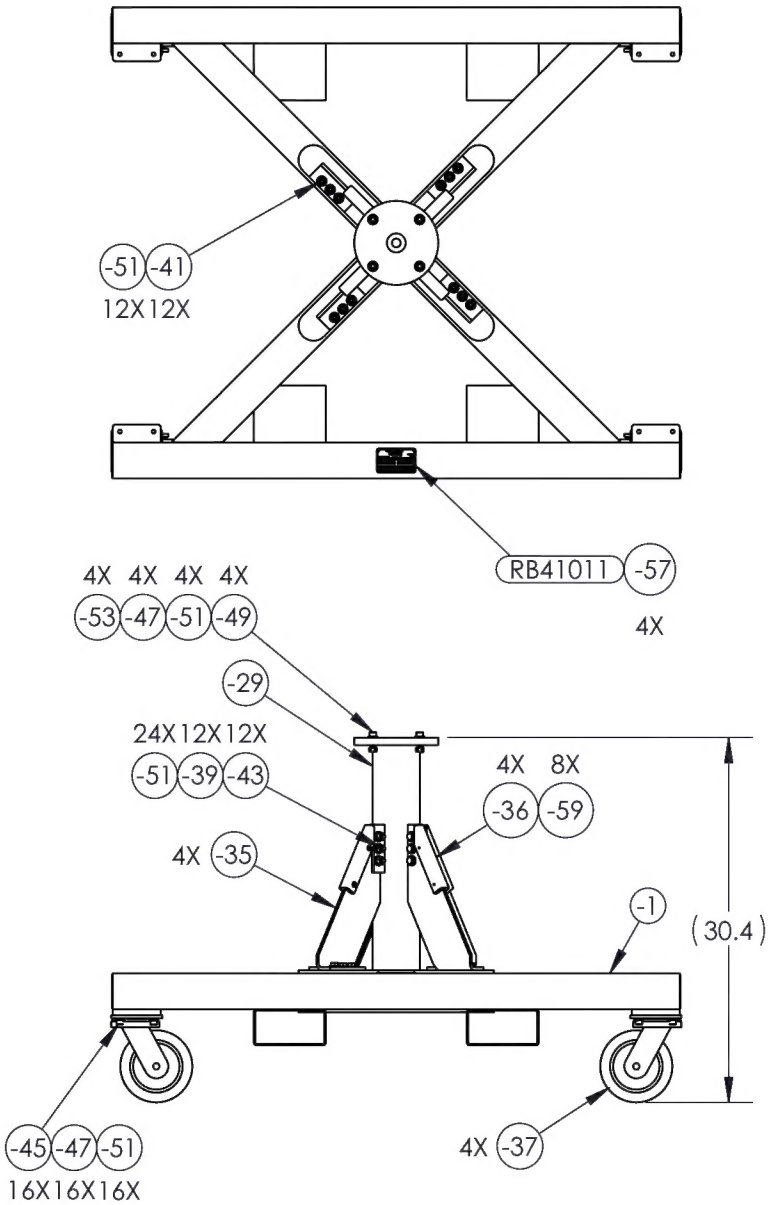


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		ADDED -3G TO END OF TOOL NUMBER.	11/16/2009	RJC	RW
1		LABELED -11 & CH'D 5.875 TO 5.87 P/N -1 WELDMENT, CH'D -13 FROM .437 TO .500 THICKNESS, CH'D HOLES FROM Ø.562 TO Ø.750 P/N -5 & -7, DELETED Ø.437 (x4) HOLES FROM P/N -3, CH'D THREADED HOLES FROM Ø.500 TO Ø.530 THROUGH HOLES P/N -19, CH'D SOME DIMESIONS FROM 3 TO 2 DECIMAL PLACES P/N -19, -23, & -25, CH'D DIMENSION 12.000 TO 12 P/N -25 PER D.W.	8/17/2010	RJC	DW
2		CH'D -1 WELDMENT TO INCLUDE -3 AND -11 WELDMENTS, ADDED -3 WELDMENT & 12X 3/8-16 HOLES TO PREVENT FINISH PROBLEMS, DELETED -5 Ø.797 THRU ONE WALL HOLE, CH'D -9 DESIGN TO MAKE LIGHTER AND COLLAPSIBLE & DELETED -11 CONFIGURATION OF -9, MADE SEPARATE -11 WELDMENT, CH'D -23 HOLE FROM Ø.797, CH'D -25 DESIGN, ADDED Ø.723 +.000-.002 FEATURE TO SLIP FIT -23 FOR PLUG WELD, CH'D -33 OVERALL LENGTH FROM 5.280 AND ADJUSTED HOLE PLACEMENT, REDESIGNED -35 GUSSET TO BE COLLAPSIBLE.	1/17/2013	RJC	DW
2A		-35 CH'D DIM. SCHEME CORRECTED MODEL PER G.E. CH'D DIM WAS 4.00 IS 4.14.	4/1/2013	BIM	GE
3		-31 CH'D OD WAS Ø6.850 IS Ø7.0000, CH'D BOLT CIRCLE WAS Ø5.375 IS Ø5.512, CH'D CENTER HOLE WAS Ø4.560 IS Ø1.575.	7/10/2013	RJC	DW
4		-9 CH'D HOLE FOR POWDER COATING CLEARANCE WAS Ø.797 IS Ø.81, -21 REMOVED NOTE TO TAPE BEFORE POWDER COAT. -15 & -23 CH'D DIM. PRECISION FROM .XXX TO .XX ON NON-CRITICAL PARTS. -31 WAS (Ø7.000) IS Ø7.00, -35 ADDED DIM 6X .812 FOR LENGTH OF SLOTS, CH'D SLOT WIDTH DIM. WAS 3X .406 IS 6X .406.	10/10/2013	CFS	GE
5	17-0072	UPDATED TO NEW STANDARDS, CH'D DIM WAS 30.4 IS (30.4) -1, -3, -5, -7, -9, -11, -13, -15, -17, -19, -21, -23, -27, -29, -33, -35 CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03. -1 ADDED NOTE Δ -3 CH'D DIM WAS 3/8-16 UNC Ψ .75 IS 3/8-16 UNC-2B Ψ .75, WAS 8.030 IS 4X 8.030, WAS 7.030 IS 4X 7.030, WAS 6.030 IS 4X 6.030, WAS .750 IS 12X .750, -5, -7, 13, -29 CH'D DIM WAS (.188) IS .19, WAS (3.00) IS 3.00, WAS (3.00) IS 3.00, -9, -23 CH'D DIM WAS (.250) IS .25, -11 CH'D DIM WAS 11.81 IS (11.81); REMOVED DIM 4.00, -15 CH'D DIM WAS (.06) IS .07, -17 CH'D DIM WAS 4X 3/8-16 UNC THRU IS 4X 3/8-16 UNC-2B THRU, WAS (Ø.50) IS Ø.50; CH'D MAT'L WAS 1018 IS 1018/1020 CR. -19 CH'D DIM WAS (3.00) IS 3.00, WAS (6.00) IS 6.00, WAS (.120) IS .12, -25 CH'D MAT'L WAS 1081 IS 1018/1020 CR; CH'D DIM WAS .480 IS .48, -27 CH'D DIM WAS .13 IS (.13), -31 CH'D DIM WAS (.625) IS .63, -33 CH'D DIM WAS (.250) IS .25, -35 CH'D DIM WAS (.250); ADDED DIM 6X FULL R; REMOVED DIM (.250); CH'D MAT'L WAS A36 P&O IS A36/1018/1020 HR. -36 ADDED.	3/23/2017	SM	JAG


	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				X		-1	1	FRAME WELDMENT			2
			X	1		-3		CENTER TUBE WELDMENT			3
			1			-5		LONG CENTER TUBE	STEEL		4
			2			-7		CENTER SHORT TUBE	STEEL		5
			2			-9		DOUBLER PLATE	A36/1018/1020 HR		6
		X		2		-11		SIDE WELDMENT			7
		1				-13		SIDE TUBE	STEEL		8
		2				-15		END CAP	STEEL		9
		2				-17		WHEEL PLATE	1018/1020 CR		10
		2				-19		FORK TUBE	STEEL		11
1	X					-21		ALIGNMENT PLATE WELDMENT			12
	1					-23		ALIGNMENT PLATE			13
	1					-25		ALIGNMENT PIN	1018/1020 CR		14
X						-27	1	UPRIGHT WELDMENT			15
1						-29		VERTICAL TUBE	STEEL		16
1						-31		TOP PLATE	A36/1018/1020 HR		17
4						-33		PLATE	1018/1020 CR		18
						-35	4	GUSSET	A36/1018/1020 HR		19
						-36	4	PROTECTOR	WHITE DELRIN/ACETAL		20
					B/O	-37	4	6in. LOCKING SWIVEL WHEELS W/BRAKES		APPLIED (BASSICK #CAS60156Y200A81 BG SL BK W/BRAKES)	1
					B/O	-39	12	HEX HEAD CAP SCREW	STEEL	3/8-16 X 1-1/4 (MCMASTER-CARR #92620A626)	1
					B/O	-41	12	HEX HEAD CAP SCREW	STEEL	3/8-16 X 3/4 (MCMASTER-CARR # 92620A622)	1
					B/O	-43	12	NYLON INSERT HEX NUT	STEEL	3/8-16 (MCMASTER-CARR #97135A230)	1
					B/O	-45	16	SOCKET HEAD CAP SCREW	STEEL	3/8-16 UNC X 7/8 (MCMASTER-CARR # 91251A623)	1
					B/O	-47	20	LOCK WASHER	STEEL	Ø3/8 (MCMASTER-CARR #90073A231)	1
					B/O	-51	56	FLAT WASHER	STEEL	Ø3/8 (MCMASTER-CARR # 90126A031)	1
					B/O	-49	4	SOCKET HEAD CAP SCREW	STEEL	3/8-16 UNC X 1-1/4 (MCMASTER-CARR #91251A626)	1
					B/O	-53	4	HEX NUT	STEEL	3/8-16 UNC (MCMASTER-CARR #94191A300)	1
					B/O	-57	4	#2 DRIVE SCREW	COATED STEEL	#2 X 1/4 (MCMASTER-CARR #90081A077)	1
					B/O	-59	8	FLAT HEAD SOCKET CAP SCREW	S.S.	#12-24 x 1" (MCMASTER-CARR # 92210A028)	1
					B/O		1	DART PLACARD	ALUMINUM	RB41011	1
					B/O		1	CRATE		CRATE (id) 56 X 42 X 14, ISPM15 CERTIFIED HT.	N/S
ASSY -27	ASSY -21	ASSY -11	ASSY -3	ASSY -1							

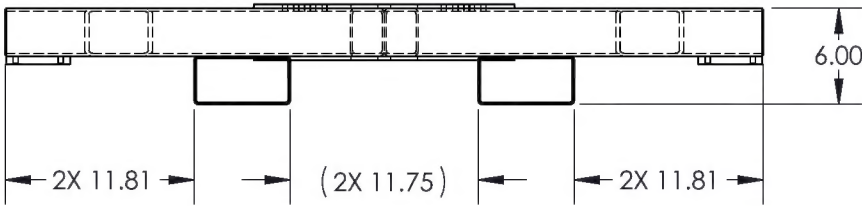
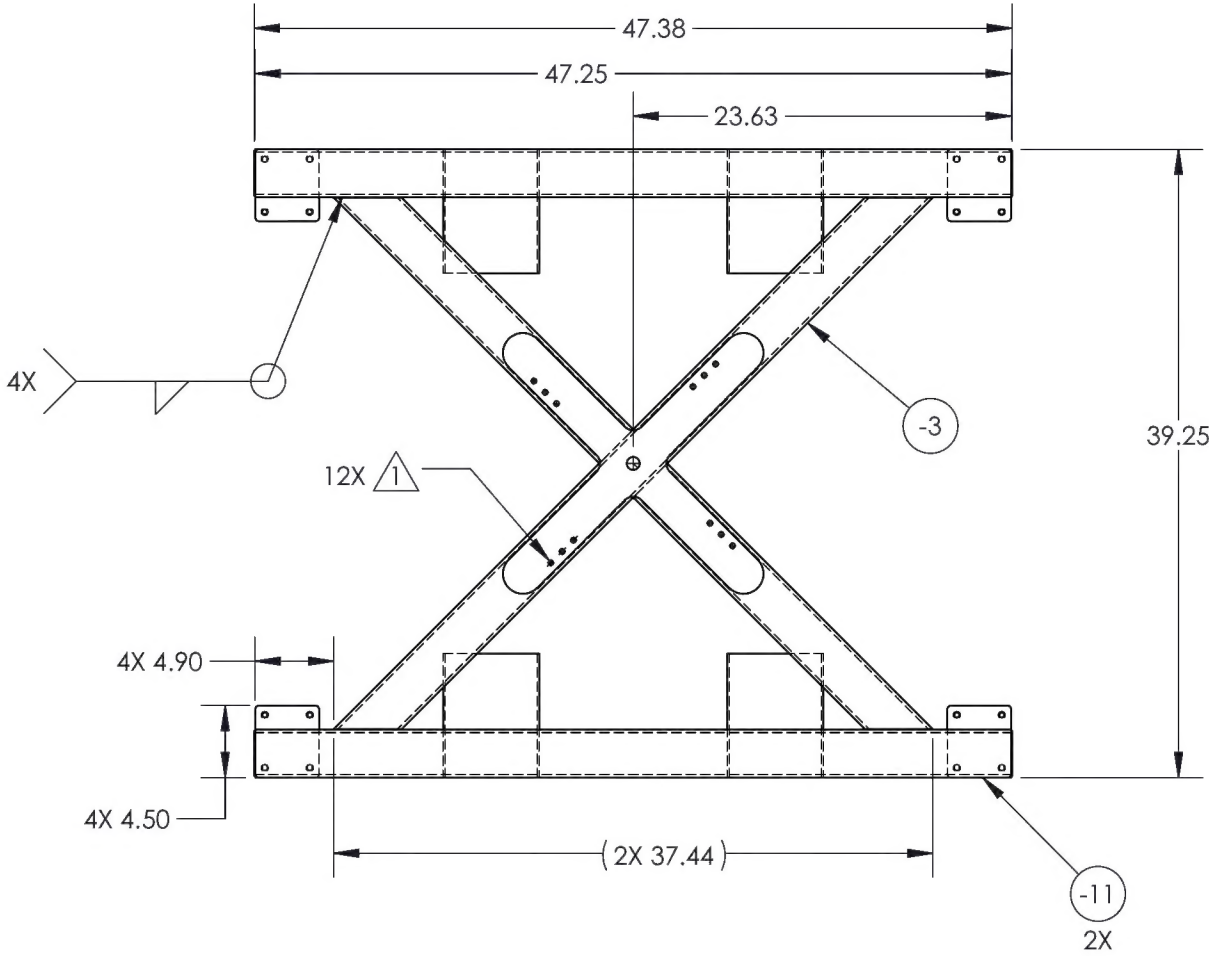


SEE ATTACHED DEVIATION

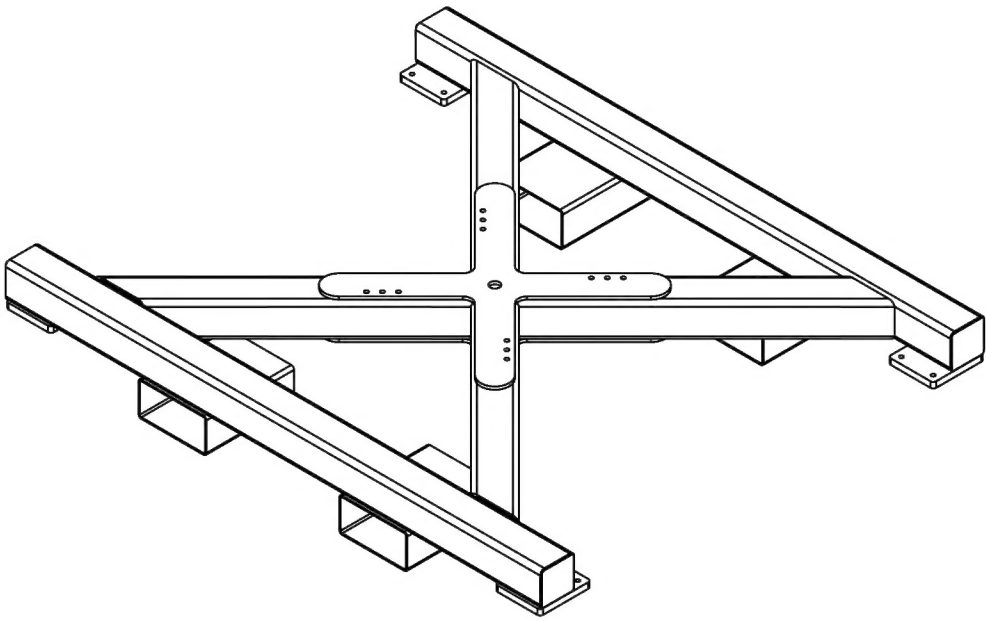
DART AEROSPACE			
TITLE MULTI-PURPOSE TROLLEY			
DWG NO. RBW6005G00131-3G			REV 5
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8 XXX ± .005 XX ± .01 X ± .1 ANGLES ± 5° SURFACES = 125✓	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DD 03/23/2017		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: AA 07/24/2017		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: JL 07/24/2017		USED ON MODEL	
APPROVED: JAG 07/25/2017		AW139	
SCALE 1:12		DATE 12/10/2012	SHEET 1 OF 20

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -1 WELDMENT TO INCLUDE -3 AND -11 WELDMENTS.	1/17/2013	RJC	DW
5	17-0072	-1 ADDED NOTE  ; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG




 FRAME WELDMENT



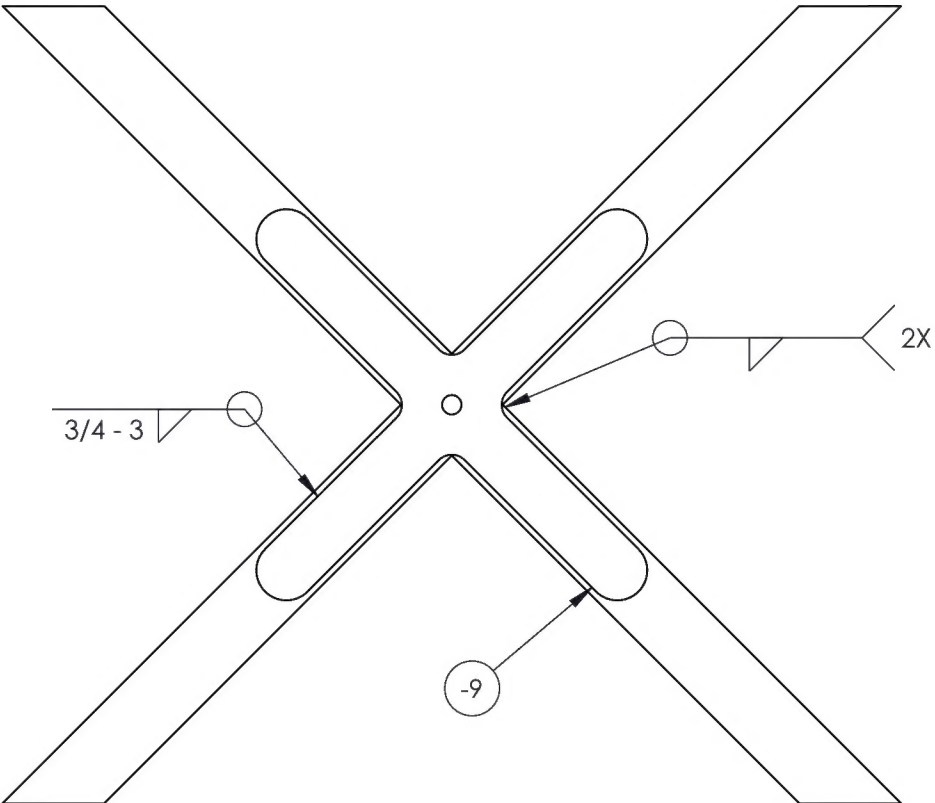
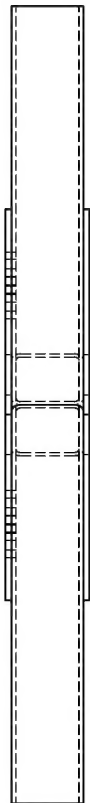
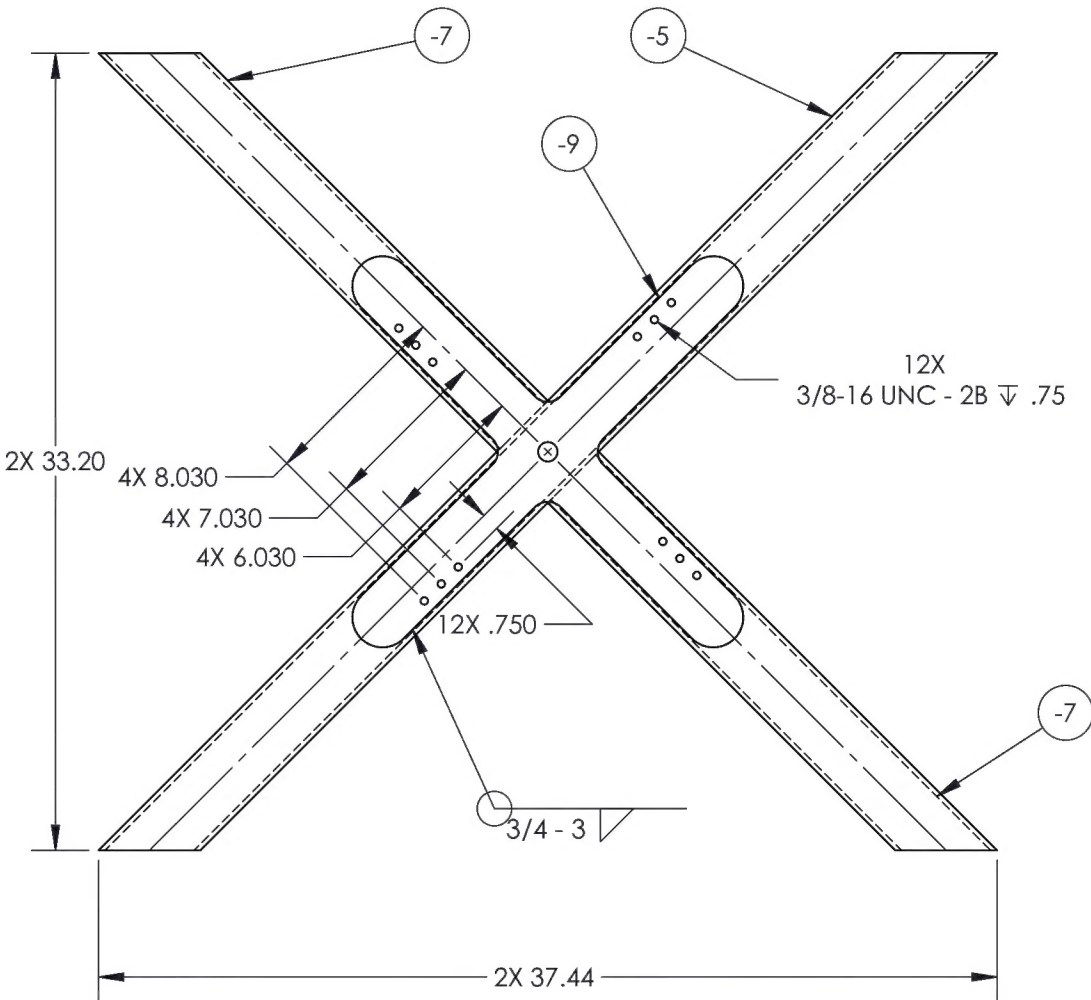
SEE ATTACHED DEVIATION

NOTE:
 NO POWDER COAT ON THREADS.

			
TITLE MULTI-PURPOSE TROLLEY			
DWG NO. RBW6005G00131-3G-1			REV 5
MAT'L HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH		USED ON MODEL	
CHECKED: DD 03/23/2017		AW139	
OPPS APPR: AA 07/24/2017			
QA APPR: JL 07/24/2017			
APPROVED: JAG 07/25/2017			
SCALE 1:12	DATE 12/10/2012	SHEET 2 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		ADDED -3 WELDMENT & 12X 3/8-16 HOLES TO PREVENT FINISH PROBLEMS.	1/17/2013	RJC	DW
5	17-0072	-3 CH'D DIM WAS 3/8-16 UNC ∇ .75 IS 3/8-16 UNC-2B ∇ .75. WAS 8.030 IS 4X 8.030, WAS 7.030 IS 4X 7.030, WAS 6.030 IS 4X 6.030, WAS .750 IS 12X .750; CH'D TOL WAS .XXX \pm .005/.XX \pm .01 IS .XXX \pm .010/.XX \pm .03.	3/23/2017	SM	JAG



(-3)
FRAME WELDMENT

HIDDEN LINES REMOVED

SEE ATTACHED DEVIATION

DART AEROSPACE

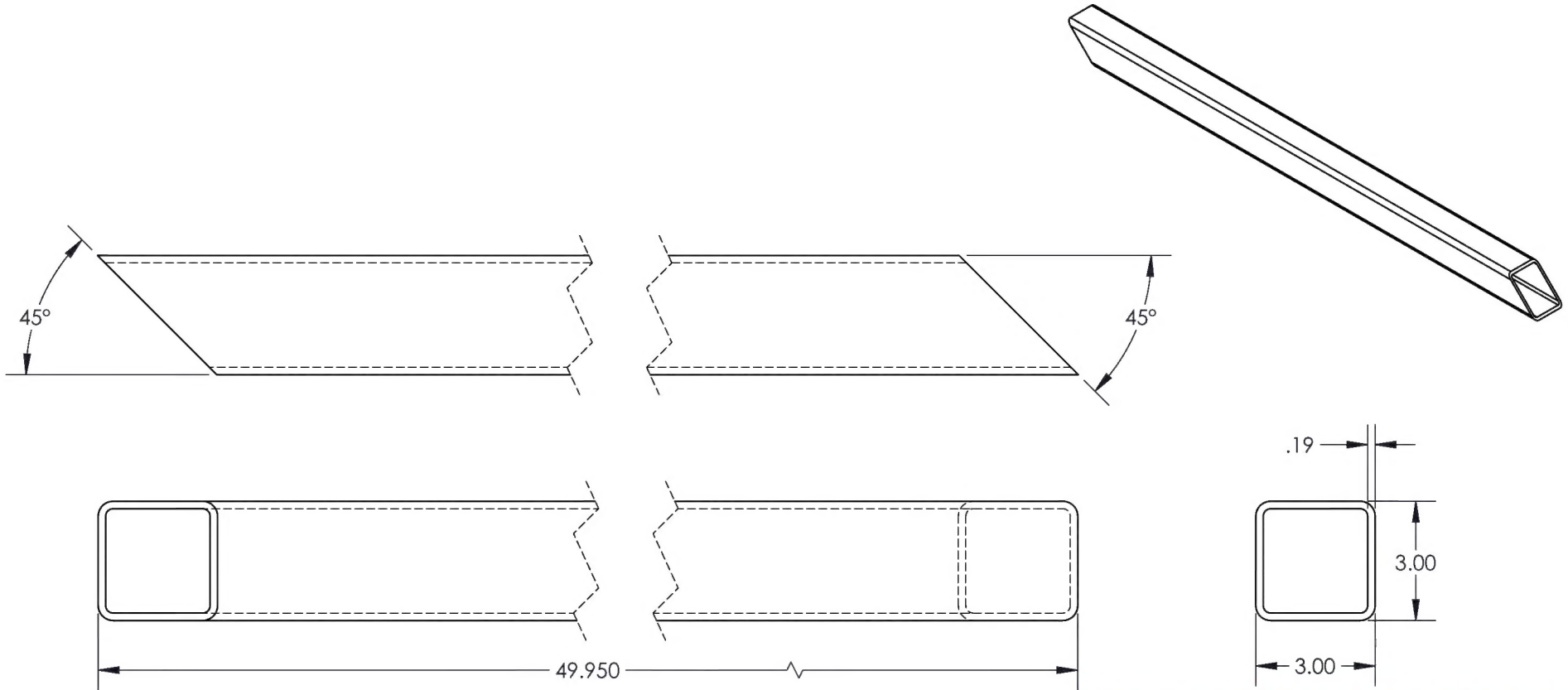
TITLE: MULTI-PURPOSE TROLLEY

DWG NO.: RBW6005G00131-3G-3 REV 5

MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -1 WELDMENT	.XXX \pm .010 FRACTIONS \pm 1/8
SPEC	.XX \pm .03 ANGLES \pm 1°
	.X \pm .1 SURFACES = 125/
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DD 03/23/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 07/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 07/24/2017	USED ON MODEL
APPROVED: JAG 07/25/2017	AW139
SCALE 1:8	DATE 12/10/2012 SHEET 3 OF 20

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		DELETED -5 Ø.797 THRU ONE WALL HOLE	1/17/2013	RJC	DW
5	17-0072	-5 CH'D DIM WAS (.188) IS .19, WAS (3.00) IS 3.00, WAS (3.00) IS 3.00; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



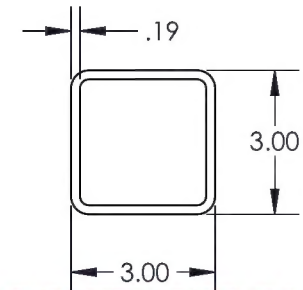
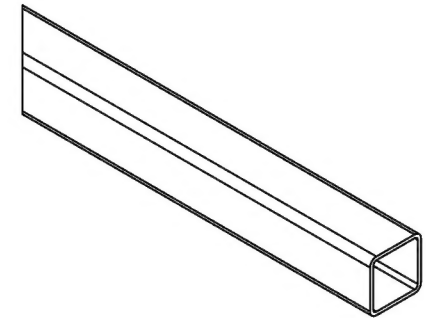
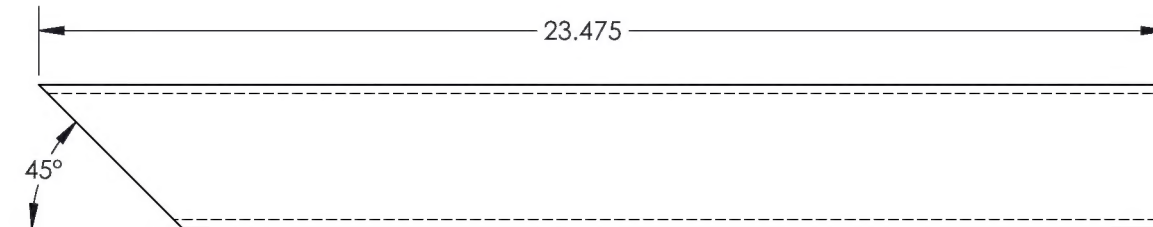
SEE ATTACHED DEVIATION

(-5)
LONG CENTER TUBE

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-5	REV 5
MAT'L STEEL TREAT FINISH SEE -1 WELDMENT SPEC DRAWN BY: CLOUGH CHECKED: DD 03/23/2017 OPPTS APPR: AA 07/24/2017 QA APPR: JL 07/24/2017 APPROVED: JAG 07/25/2017	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL AW139	
SCALE 1:4	DATE 12/10/2012
SHEET 4 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0072	-7 CH'D DIM WAS (.188) IS .19, WAS (3.00) IS 3.00, WAS (3.00) IS 3.00; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



SEE ATTACHED DEVIATION

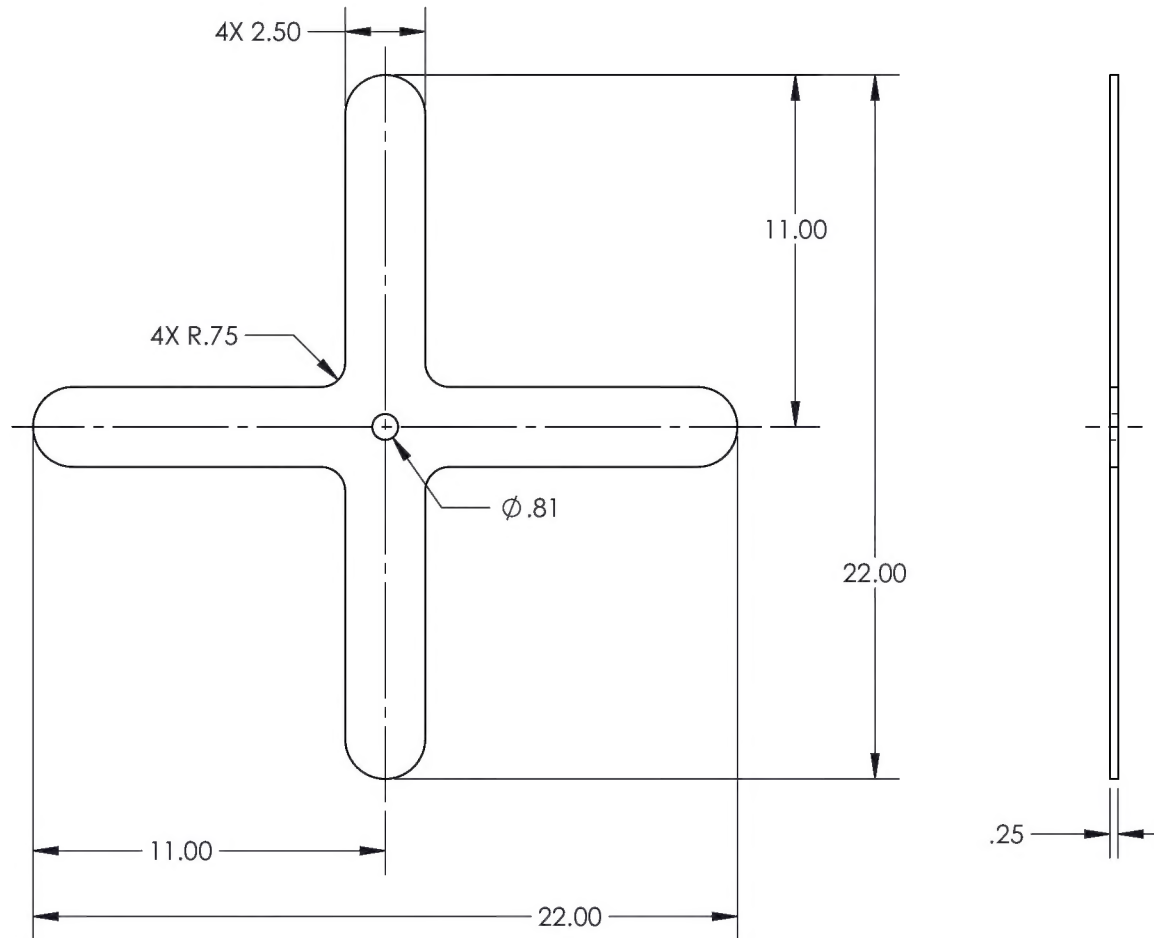


TITLE		MULTI-PURPOSE TROLLEY	
DWG NO.		RBW6005G00131-3G-7	
REV		5	
MAT'L STEEL		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -1 WELDMENT		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
DRAWN BY: CLOUGH		.X ± .1 SURFACES = 125	
CHECKED: DD 03/23/2017		1. BREAK ALL SHARP EDGES	
OPPS APPR: AA 07/24/2017		.015 x 45° OR .015R	
QA APPR: JL 07/24/2017		2. DIMENSIONAL LIMITS APPLY	
APPROVED: JAG 07/25/2017		AFTER PLATING	
SCALE 1:4		DATE 12/10/2012	
		SHEET 5 OF 20	

⑦
CENTER SHORT TUBE

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -9 DESIGN TO MAKE LIGHTER AND COLLAPSIBLE & DELETED -11 CONFIGURATION OF -9.	1/17/2013	RJC	DW
4		-9 CH'D HOLE FOR POWDER COATING CLEARANCE WAS Ø.797 IS .81.	10/10/2013	CFS	GE
5	17-0072	-9 CH'D DIM WAS [.250] IS .25; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



(-9)

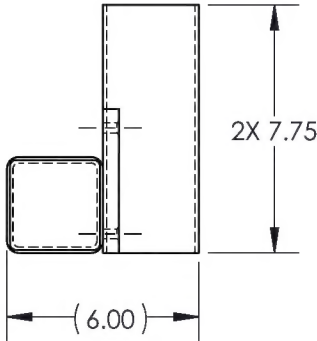
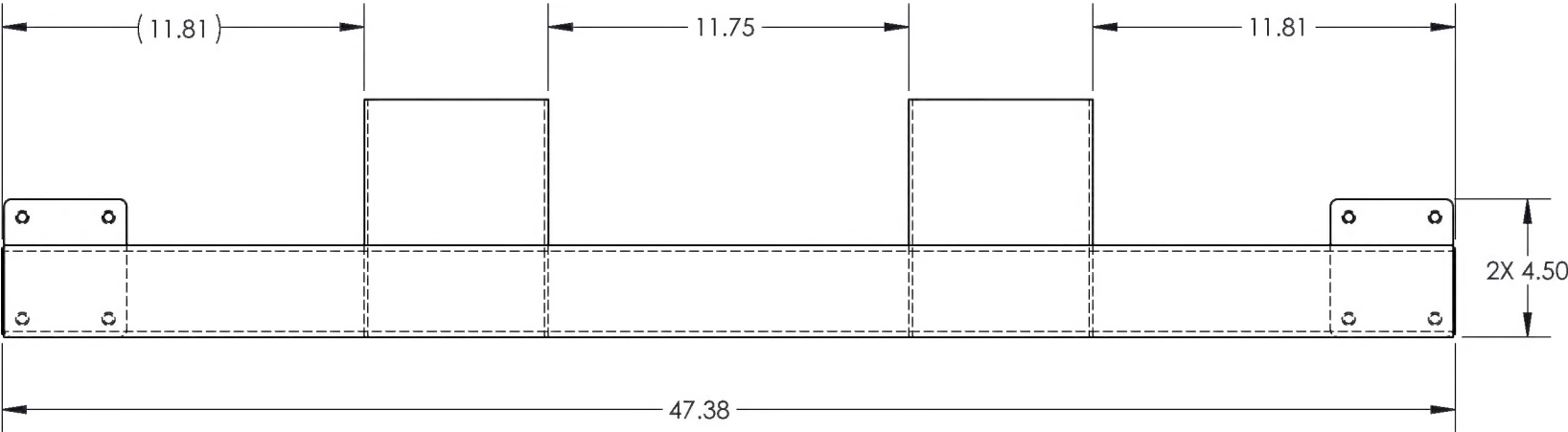
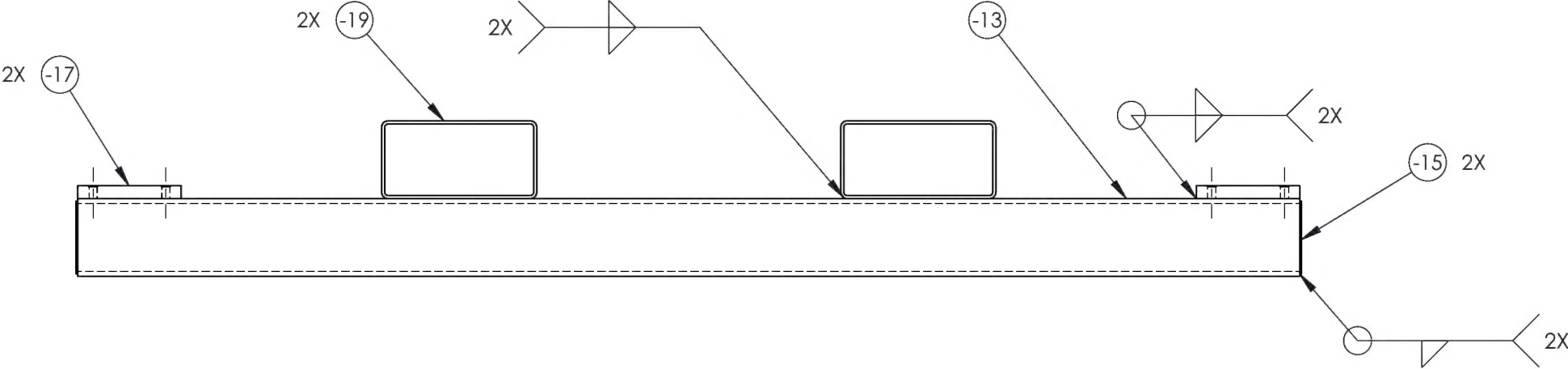
DOUBLER PLATE

SEE ATTACHED DEVIATION

DART AEROSPACE	
TITLE MUTLIPURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-9	REV 5
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE - 1 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DD 03/23/2017	.015 x 45° OR .015R
OPPS APPR: AA 07/24/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 07/24/2017	AFTER PLATING
APPROVED: JAG 07/25/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:6	DATE 12/10/2012
	SHEET 6 OF 20

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		MADE SEPARTATE -11 WELDMENT.	1/17/2013	RJC	DW
5	17-0072	-11 CH'D DIM WAS 11.81 IS (11.81); REMOVED DIM 4.00; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



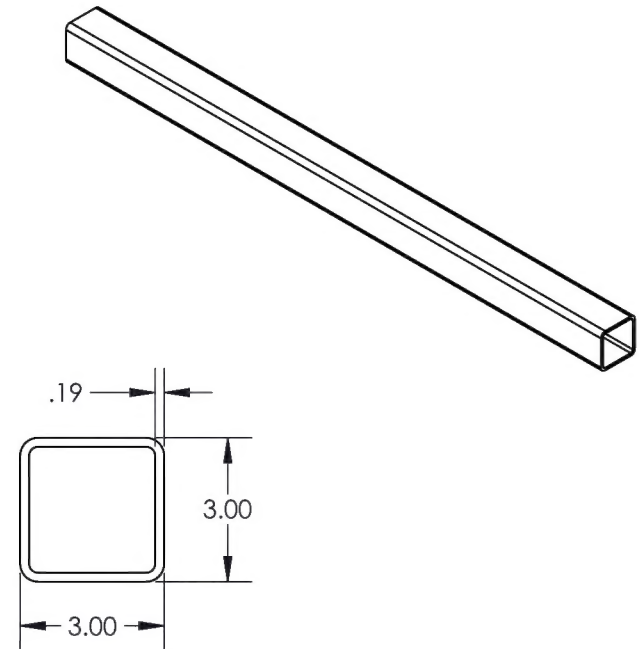
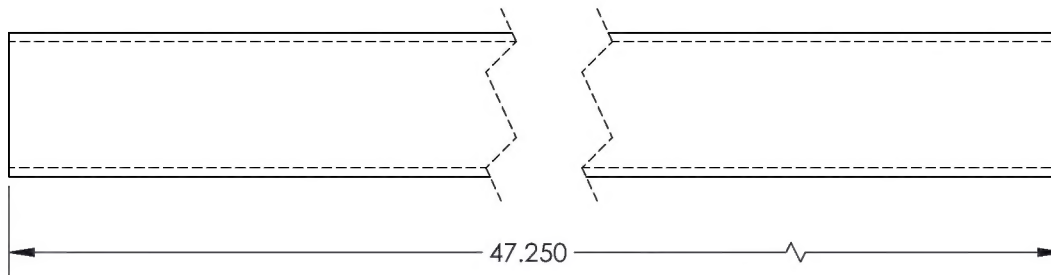
SEE ATTACHED DEVIATION

-11
SIDE WELDMENT

DART AEROSPACE			
TITLE MULTI-PURPOSE TROLLEY			
DWG NO. RBW6005G00131-3G-11			REV 5
MAT'L HEAT TREAT FINISH SEE -1 WELDMENT SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DD 03/23/2017		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: AA 07/24/2017		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: JL 07/24/2017		USED ON MODEL	
APPROVED: JAG 07/25/2017		AW139	
SCALE 1:6	DATE 12/10/2012	SHEET 7 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0072	-13 CH'D DIM WAS (.188) IS .19, WAS (3.00) IS 3.00, WAS (3.00) IS 3.00; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



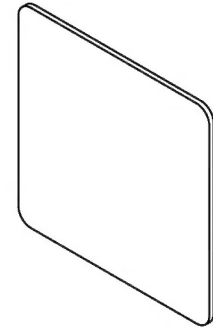
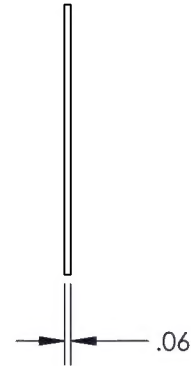
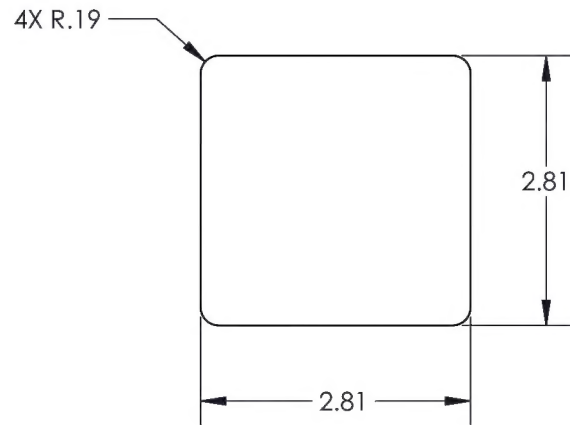
SEE ATTACHED DEVIATION

(-13)
SIDE TUBE

DART AEROSPACE																		
TITLE MULTI-PURPOSE TROLLEY																		
DWG NO. RBW6005G00131-3G-13	REV 5																	
<table border="1"> <tr> <td>MAT'L STEEL</td> <td rowspan="4"> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓ </td> </tr> <tr> <td>HEAT TREAT</td> </tr> <tr> <td>FINISH SEE -1 WELDMENT</td> </tr> <tr> <td>SPEC</td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>CHECKED: DD 03/23/2017</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>OPPS APPR: AA 07/24/2017</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>QA APPR: JL 07/24/2017</td> <td>USED ON MODEL</td> </tr> <tr> <td>APPROVED: JAG 07/25/2017</td> <td>AGUSTA AW139</td> </tr> <tr> <td>SCALE 1:4</td> <td>DATE 12/10/2012 SHEET 8 OF 20</td> </tr> </table>		MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	HEAT TREAT	FINISH SEE -1 WELDMENT	SPEC	DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	CHECKED: DD 03/23/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	OPPS APPR: AA 07/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	QA APPR: JL 07/24/2017	USED ON MODEL	APPROVED: JAG 07/25/2017	AGUSTA AW139	SCALE 1:4	DATE 12/10/2012 SHEET 8 OF 20
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓																	
HEAT TREAT																		
FINISH SEE -1 WELDMENT																		
SPEC																		
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																	
CHECKED: DD 03/23/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																	
OPPS APPR: AA 07/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009																	
QA APPR: JL 07/24/2017	USED ON MODEL																	
APPROVED: JAG 07/25/2017	AGUSTA AW139																	
SCALE 1:4	DATE 12/10/2012 SHEET 8 OF 20																	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4		-15 CH'D DIM. PRECISION FROM .XXX TO .XX ON NON-CRITICAL PARTS.	10/10/2013	CFS	GE
5	17-0072	-15 CH'D DIM WAS (.06) IS .07; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



(-15)

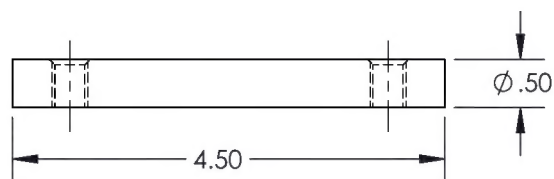
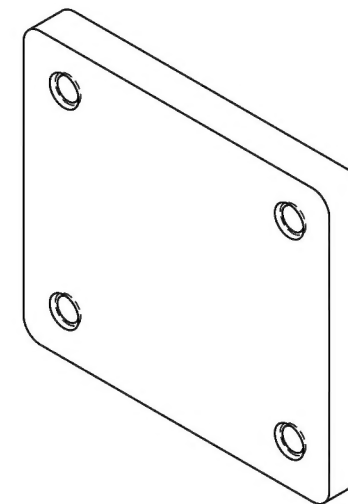
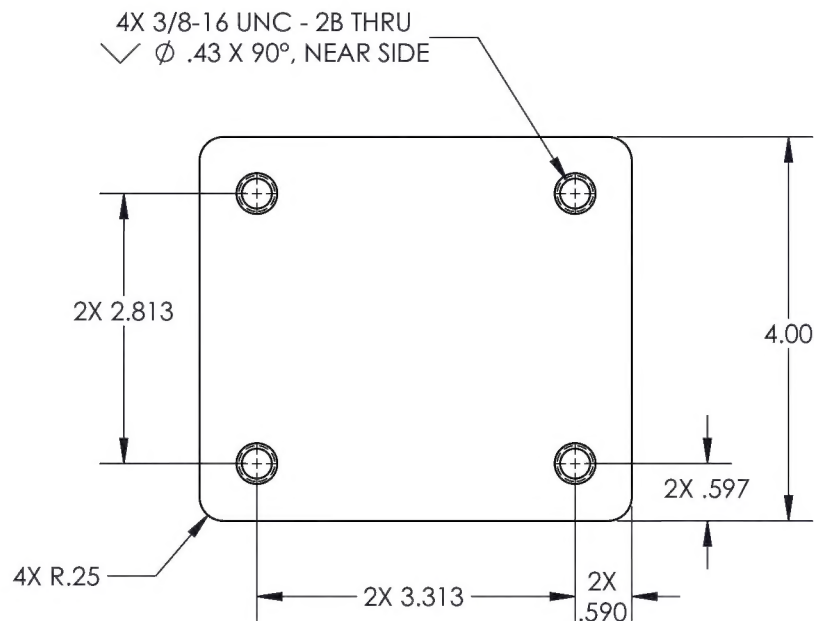
END CAP

SEE ATTACHED DEVIATION

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-15	REV 5
MAT'L STEEL HEAT TREAT FINISH SEE -1 WELDMENT SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: DD 03/23/2017	AW139
OPPS APPR: AA 07/24/2017	
QA APPR: JL 07/24/2017	
APPROVED: JAG 07/25/2017	
SCALE 1:2	DATE 12/10/2012
SHEET 9 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0072	-17 CH'D DIM WAS 4X 3/8-16 UNC THRU IS 4X 3/8-16 UNC-2B THRU, WAS {Ø.50} IS Ø.50; CH'D MAT'L WAS 1018 IS 1018/1020 CR; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



(-17)

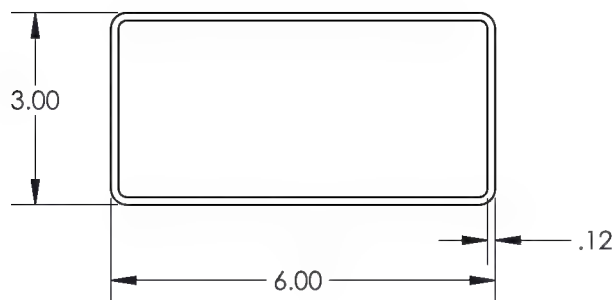
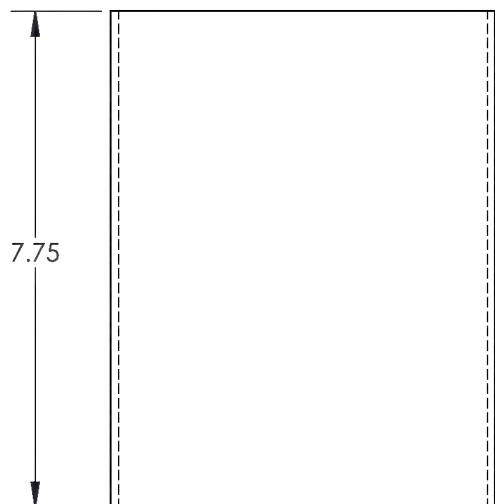
WHEEL PLATE

SEE ATTACHED DEVIATION

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-17	REV 5
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH SEE -1 WELDMENT	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DD 03/23/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 07/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 07/24/2017	USED ON MODEL
APPROVED: JAG 07/25/2017	AW139
SCALE 1:2	DATE 12/10/2012
SHEET 10 OF 20	

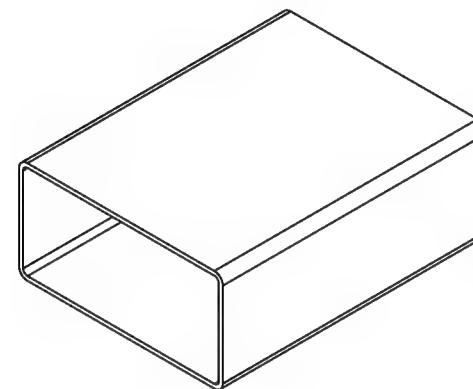
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0072	-19 CH'D DIM WAS (3.00) IS 3.00, WAS (6.00) IS 6.00, WAS (.120) IS .12; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



-19

FORK TUBE

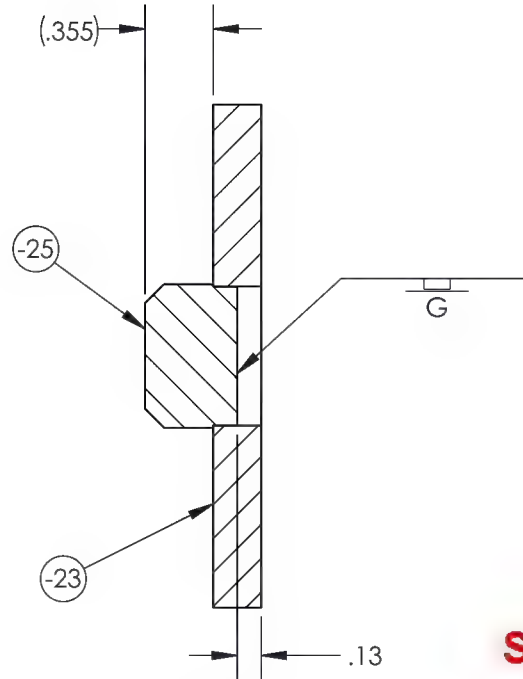
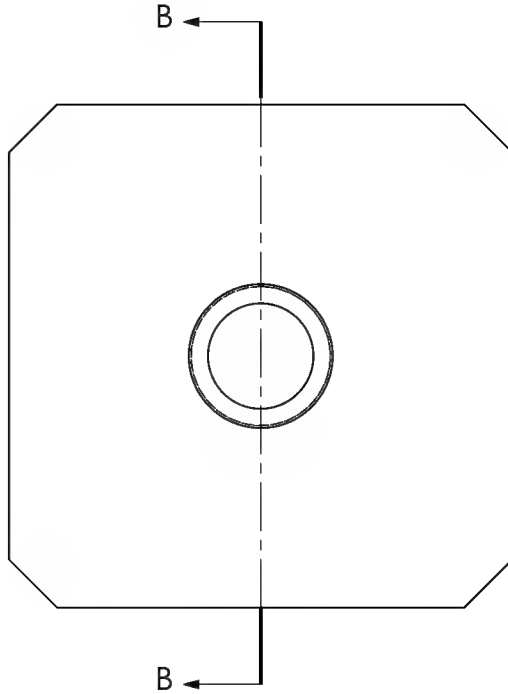


SEE ATTACHED DEVIATION

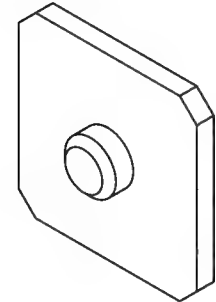
DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-19	REV 5
MAT'L STEEL HEAT TREAT FINISH SEE -1 WELDMENT SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL AW139
CHECKED: DD 03/23/2017	
OPPS APPR: AA 07/24/2017	
QA APPR: JL 07/24/2017	
APPROVED: JAG 07/25/2017	
SCALE 1:3	DATE 12/10/2012
SHEET 11 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4		-21 REMOVED NOTE TO TAPE BEFORE POWDER COAT.	10/10/2013	CFS	GE
5	17-0072	-21 CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



SECTION B-B



SEE ATTACHED DEVIATION

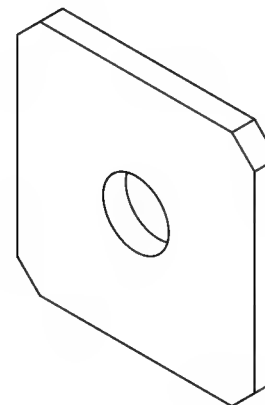
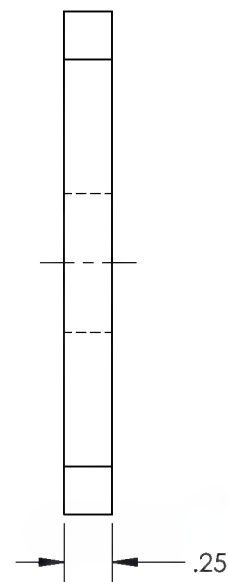
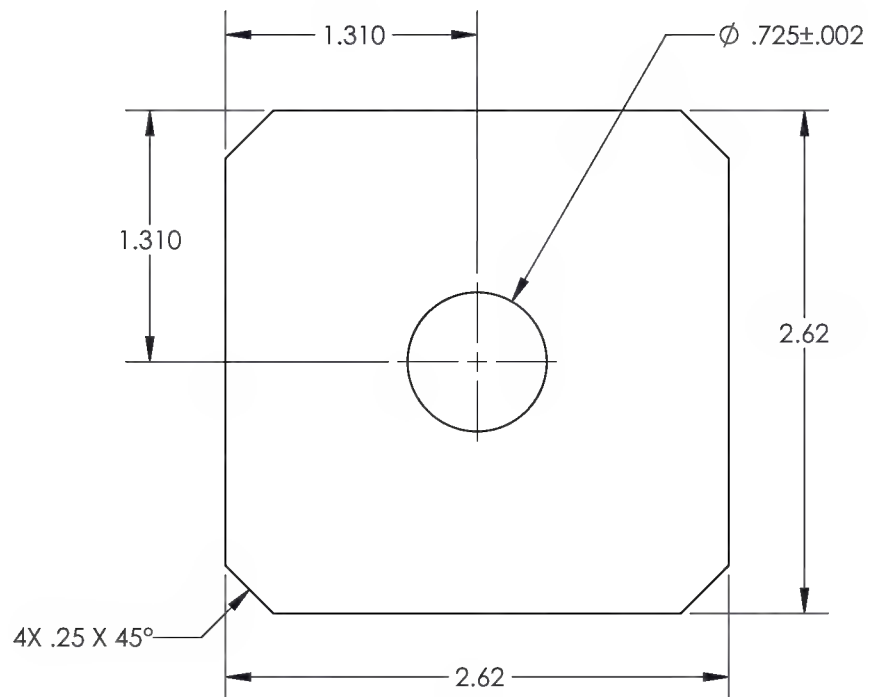
(-21)

ALIGNMENT PLATE WELDMENT

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-21	REV 5
MAT'L SEE -27 WELDMENT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
HEAT TREAT SEE -27 WELDMENT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
SPEC	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
CHECKED: DD 03/23/2017	USED ON MODEL
OPPS APPR: AA 07/24/2017	AW139
QA APPR: JL 07/24/2017	
APPROVED: JAG 07/25/2017	
SCALE 1:1	DATE 12/10/2012
SHEET 12 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -23 HOLE FROM Ø.797.	1/17/2013	RJC	SE
4		-23 CH'D DIM. PRECISION FROM .XXX TO .XX ON NON-CRITICAL PARTS.	10/10/2013	CFS	GE
5	17-0072	-23 CH'D DIM WAS (.250) IS .25; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



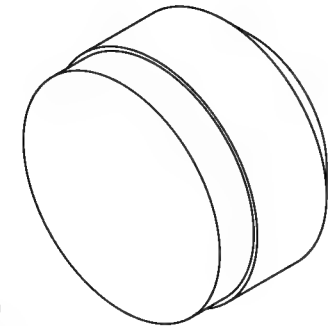
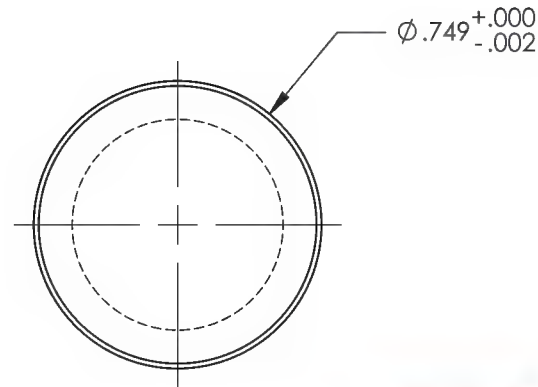
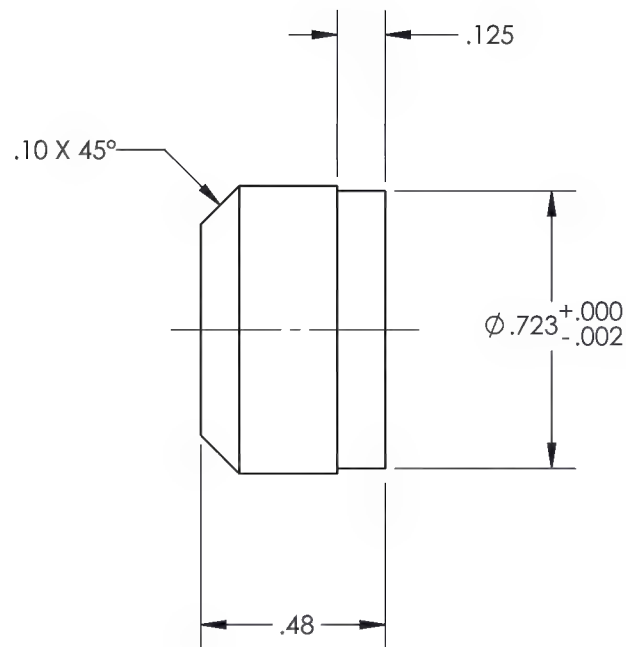
SEE ATTACHED DEVIATION

(-23)
ALIGNMENT PLATE

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-23	REV 5
MAT'L 1018	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -27 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125 ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DD 03/23/2017	.015 x 45° OR .015R
OPPS APPR: AA 07/24/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 07/24/2017	AFTER PLATING
APPROVED: JAG 07/25/2017	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	AW139
SCALE 1:1	DATE 12/10/2012
	SHEET 13 OF 20

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -25 DESIGN, ADDED $\phi .723 +.000-.002$ FEATURE TO SLIP FIT -23 FOR PLUG WELD.	1/17/2013	RJC	SE
5	17-0072	-25 CH'D MAT'L WAS 1081 IS 1018/1020 CR; CH'D DIM WAS .480 is .48.	3/23/2017	SM	JAG



SEE ATTACHED DEVIATION

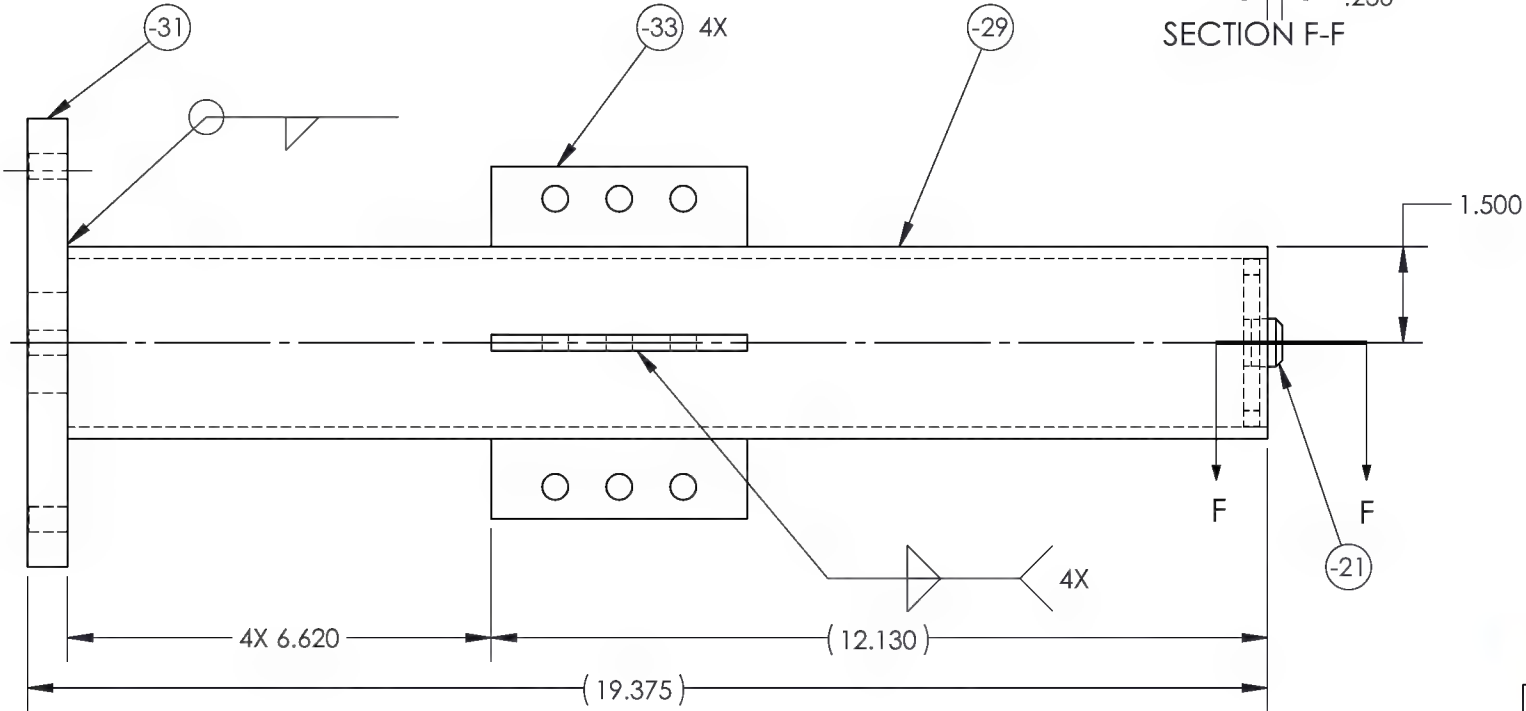
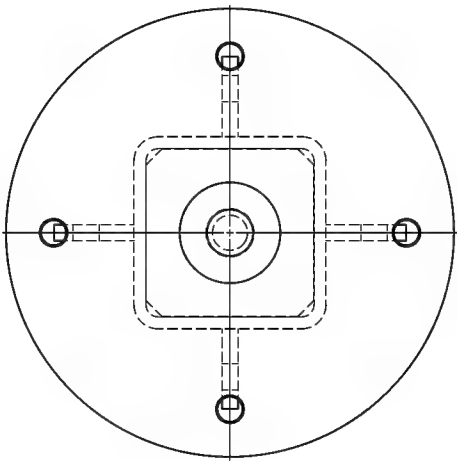
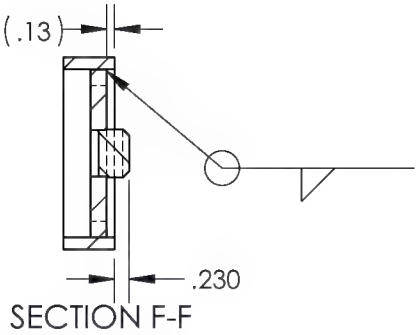
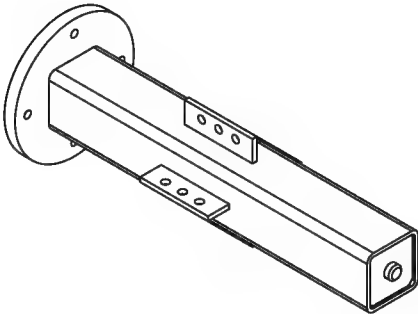
(-25)

ALIGNMENT PIN

DART AEROSPACE	
TITLE MULTIPURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-25	REV 5
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -27 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DD 03/23/2017	.015 x 45° OR .015R
OPPS APPR: AA 07/24/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 07/24/2017	AFTER PLATING
APPROVED: JAG 07/25/2017	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	DATE 12/10/2012
	USED ON MODEL
	AW139
	SHEET 14 OF 20

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
5	17-0072	-27 CH'D DIM WAS .13 IS (.13); CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.			3/23/2017	SM	JAG



SEE ATTACHED DEVIATION

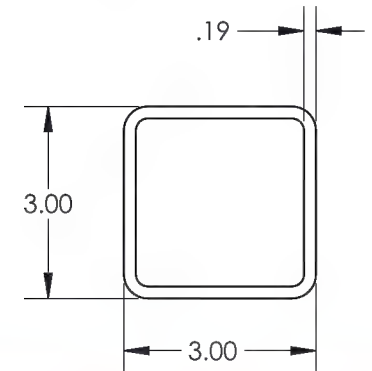
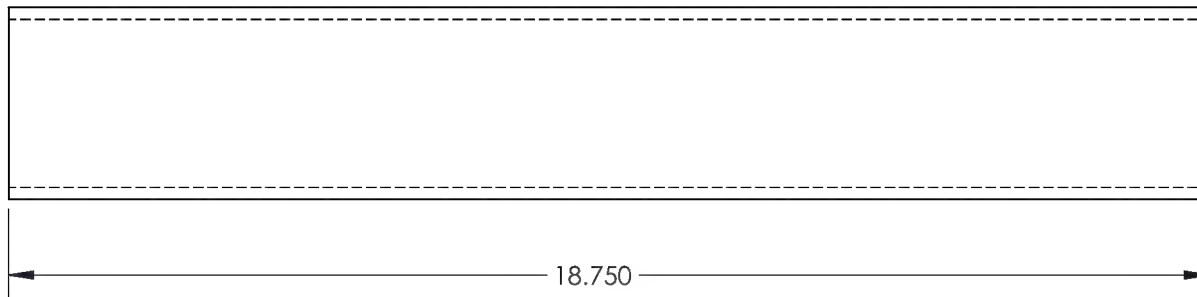
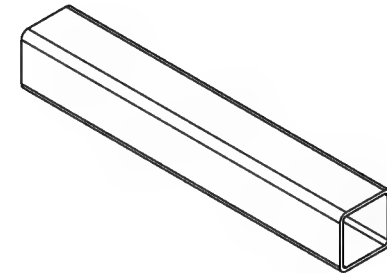
-27

UPRIGHT WELDMENT

			
TITLE MULTI-PURPOSE TROLLEY			
DWG NO. RBW6005G00131-3G-27			REV 5
MAT'L HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓	
DRAWN BY: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: DD 03/23/2017		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: AA 07/24/2017		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: JL 07/24/2017		USED ON MODEL	
APPROVED: JAG 07/25/2017		AW139	
SCALE 1:3	DATE 12/10/2012	SHEET 15 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0072	-29 CH'D DIM WAS (.188) IS .19, WAS (3.00) IS 3.00, WAS (3.00) IS 3.00; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



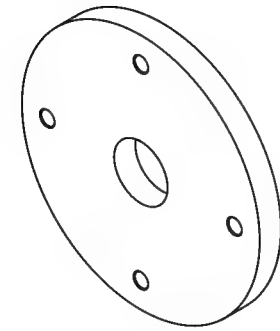
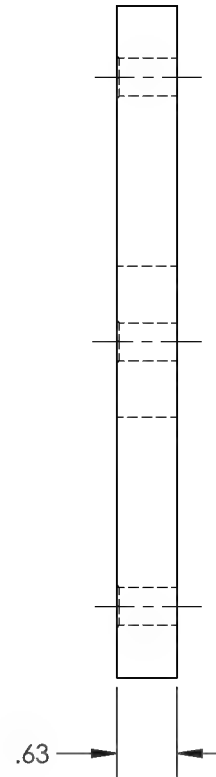
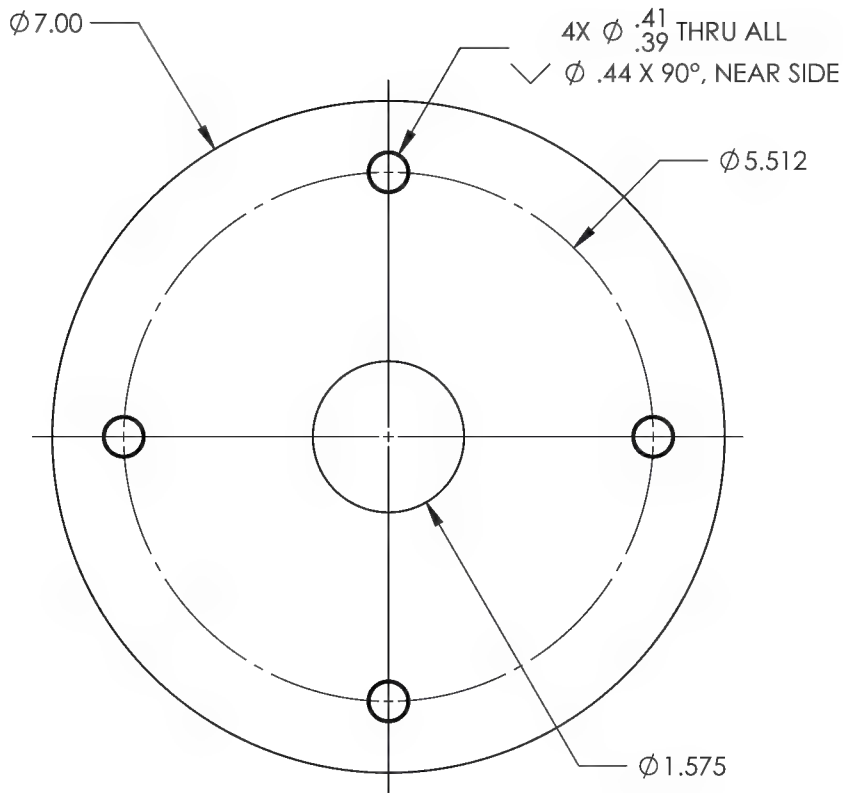
SEE ATTACHED DEVIATION

(-29)
VERTICAL TUBE

DART AEROSPACE	
TITLE MULTIPURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-29	REV 5
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH SEE -27 WELDMENT	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DD 03/23/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 07/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 07/24/2017	USED ON MODEL
APPROVED: JAG 07/25/2017	AW139
SCALE 1:3	DATE 12/10/2012
SHEET 16 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		-31 CH'D OD WAS Ø6.850 IS Ø7.000, CH'D BOLT CIRCLE WAS Ø5.375 IS Ø5.512, CH'D CENTER HOLE WAS Ø1.560 IS Ø1.575.	7/10/2013	RJC	DW
4		-31 CH'D HOLE TOLERANCE WAS 4X Ø.386 IS 4X Ø.41-Ø.39, CH'D TOLERANCE OF OD WAS {Ø7.000} IS Ø7.00.	10/10/2013	CFS	GE
5	17-0072	-31 CH'D DIM WAS {.625} IS .63.	3/23/2017	SM	JAG



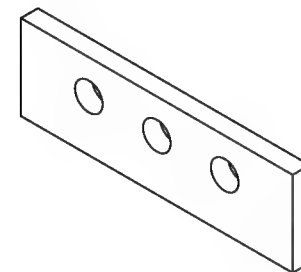
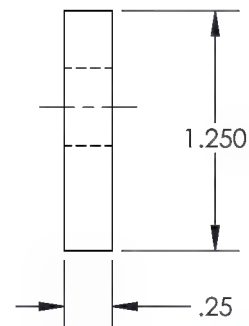
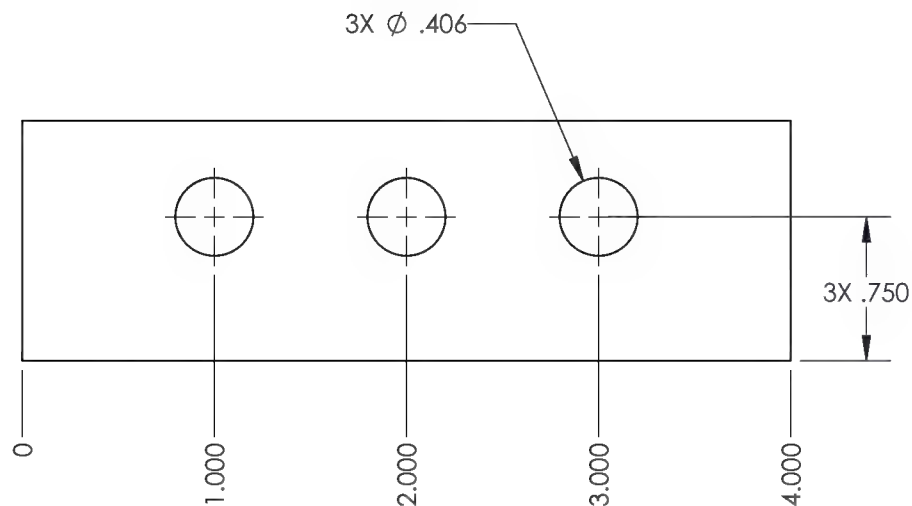
SEE ATTACHED DEVIATION

(-31)
TOP PLATE

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-31	REV 5
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -27 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DD 03/23/2017	.015 x 45° OR .015R
OPPS APPR: AA 07/24/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 07/24/2017	AFTER PLATING
APPROVED: JAG 07/25/2017	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:2	DATE 12/10/2012
	SHEET 17 OF 20

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		CH'D -33 OVERALL LENGTH FROM 5.280 AND ADJUSTED HOLE PLACEMENT.	1/17/2013	RJC	DW
5	17-0072	-33 CH'D DIM WAS (.250) IS .25; CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG



SEE ATTACHED DEVIATION

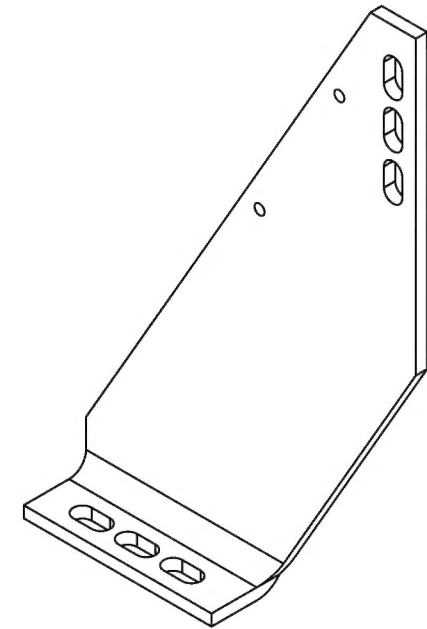
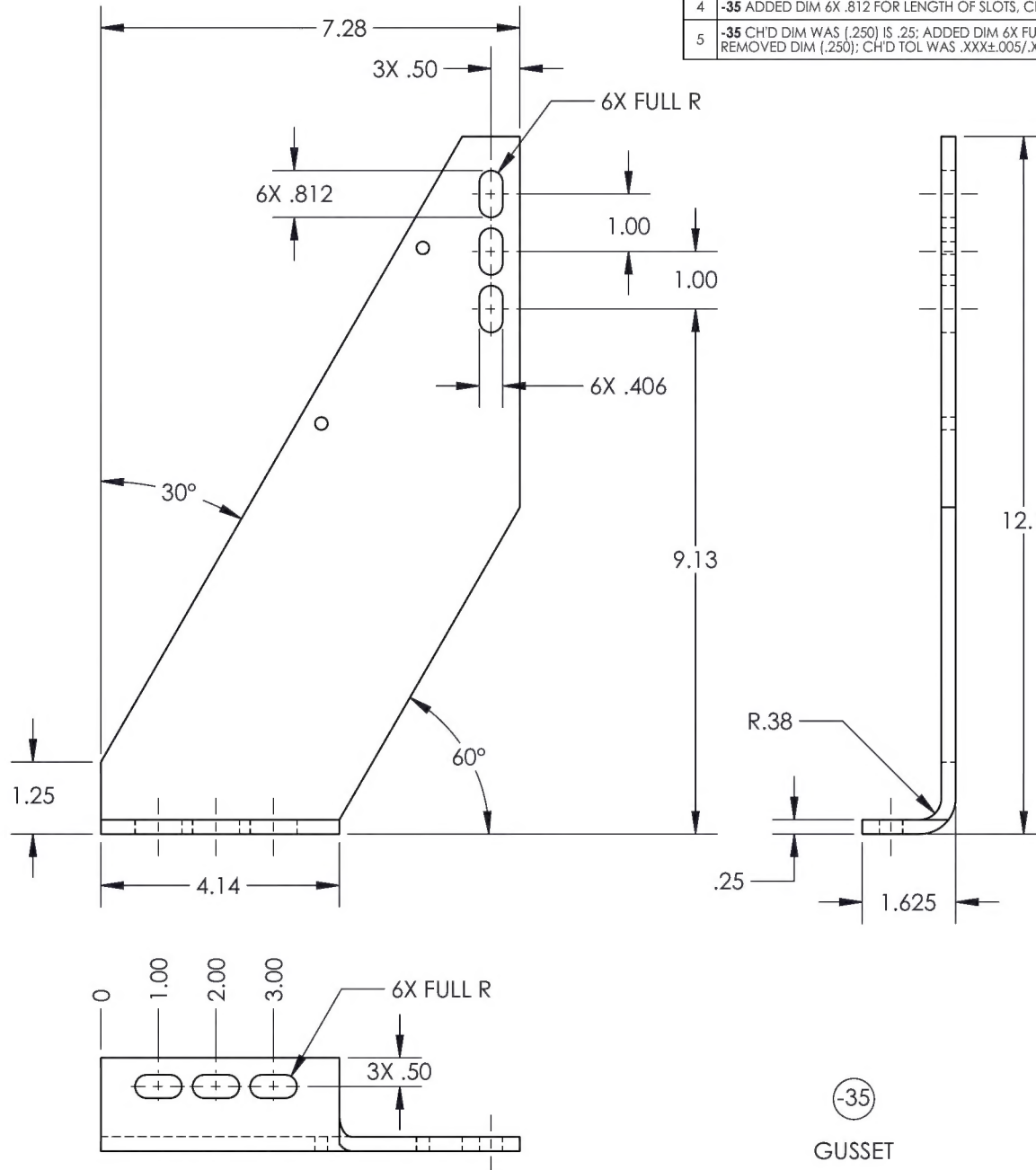
(-33)

PLATE

DART AEROSPACE	
TITLE MULTIPIURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-33	REV 5
MAT'L 1018/1020 CR HEAT TREAT FINISH SEE -27 WELDMENT SPEC DRAWN BY: CLOUGH CHECKED: DD 03/23/2017 OPPTS APPR: AA 07/24/2017 QA APPR: JL 07/24/2017 APPROVED: JAG 07/25/2017	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL AW139	
SCALE 1:1	DATE 12/10/2012
SHEET 18 OF 20	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	REDESIGNED -35 GUSSET TO BE COLLAPSIBLE.	1/17/2013	RJC	DW
2A	-35 CH'D DIM. SCHEME CORRECTED MODEL PER G.E. CH'D DIM. WAS 4.00 IS 4.14.	4/1/2013	BIM	GE
4	-35 ADDED DIM 6X .812 FOR LENGTH OF SLOTS, CH'D SLOT WIDTH DIM. WAS 3X .406 IS 6X .406	10/11/2013	CFS	GE
5	-35 CH'D DIM WAS (.250) IS .25; ADDED DIM 6X FULL R: CH'D MAT'L WAS A36 P&O IS A36/1018/1020 HR; REMOVED DIM (.250); CH'D TOL WAS .XXX±.005/.XX±.01 IS .XXX±.010/.XX±.03.	3/23/2017	SM	JAG

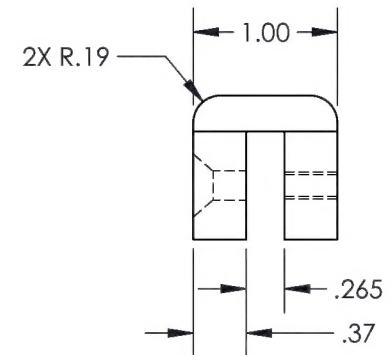
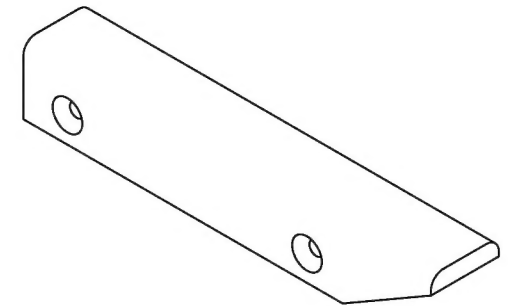
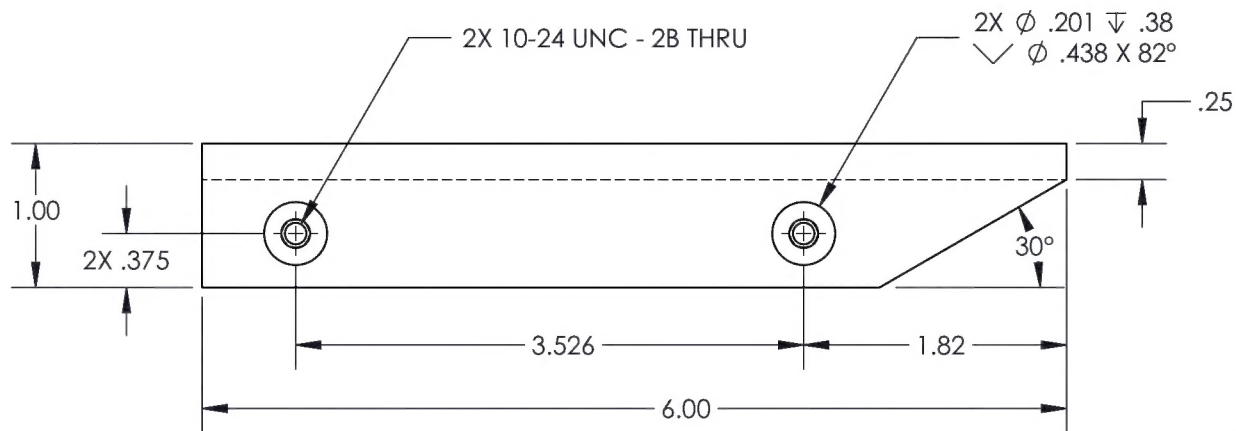


SEE ATTACHED DEVIATION

DART AEROSPACE	
TITLE MULTIPURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-35	REV 5
MAT'L A36/1018/1020 HR HEAT TREAT FINISH POWDER COAT YELLOW SPEC FED #13538	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL AW139
CHECKED: DD 03/23/2017	
OPPS APPR: AA 07/24/2017	
QA APPR: JL 07/24/2017	
APPROVED: JAG 07/25/2017	
SCALE 1:3	DATE 1/3/2013
SHEET 19 OF 20	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0072	-36 ADDED.	3/22/2017	SM	JAG



SEE ATTACHED DEVIATION

(36)

PROTECTOR

DART AEROSPACE	
TITLE MULTI-PURPOSE TROLLEY	
DWG NO. RBW6005G00131-3G-36	REV 5
MAT'L WHITE DELRIN/ACETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
FRACTIONS ± 1/8	
ANGLES ± 1°	
SURFACES = 125	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	
CHECKED: DD 03/23/2017	
OPPS APPR: AA 07/24/2017	
QA APPR: JL 07/24/2017	
APPROVED: JAG 07/25/2017	
USED ON MODEL AW139	
SCALE 3:4	DATE 3/22/2017
SHEET 20 OF 20	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. <u>RBW6005G00131-3G Rev. 5</u>	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div>			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042) JULY 23, 2018	
Description Work Order Deviation		Disposition		Completed By	
- RBW6005G00131-3G- 9 (McMaster 91251A626, 3/8"-16 x1.25) must be replaced with McMaster 91251A626 (3/8"-16 x1.5)		This deviation is acceptable. The longer bolt will allow the trolley to be used with multiple attachments		Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause		FAULT CATEGORY			
<div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>			

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No <u>RBW6005G00131-3G REV. 5</u> NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table>						Skid-tube <input type="checkbox"/>	Cross tube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Cross tube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>																						
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>																						
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>																						
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval OCT 3, 2018																		
Description Work Order Deviation				Disposition			Completed By																		
ITEM -37 WAS BASSICK #CAS60156Y200A81 ITEM -37 IS MCMASTER#2856T17 PER KPT				- THIS DEVIATION IS ACCEPTABLE. - THE FIT, FORM AND FUNCTION OF THE PART WILL BE AS ORIGINALLY INTENDED -HOLE SPACING ON ITEM -17 CAN BE ADJUSTED ACCORDING TO CASTER HOLE SPACING			Lead hand / Supervisor Approval Verification																		
							QC / QA Coordinator Approval																		
Root Cause				FAULT CATEGORY																					
Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/>	No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input checked="" type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Mislabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence <input type="checkbox"/>	OTHER : _____																			